



How to change front  
strut mount on  
**MERCEDES-BENZ CLC**  
**(CL203)** – replacement  
guide

## SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

### Important!

This replacement procedure can be used for:

MERCEDES-BENZ CLC (CL203) CLC 180 Kompressor (203.746), MERCEDES-BENZ CLC (CL203) CLC 200 Kompressor (203.741), MERCEDES-BENZ CLC (CL203) CLC 230 (203.752), MERCEDES-BENZ CLC (CL203) CLC 350 (203.756), MERCEDES-BENZ CLC (CL203) CLC 200 CDI (203.707), MERCEDES-BENZ CLC (CL203) CLC 220 CDI (203.708)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ C-Class Saloon (W203) C 240 (203.061)

**REPLACEMENT: STRUT MOUNT – MERCEDES-BENZ  
CLC (CL203). TOOLS YOU NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #21
- HEX bit No.H6.
- HEX bit No.H7.
- HEX bit No.H12.
- Drive socket # 16
- Drive socket # 19
- Drive socket # 21
- 14X2.5-mm strut nut socket
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Crow bar
- Nippers
- Hydraulic strut spring compressor
- Hydraulic transmission jack
- Fender cover
- Wheel chock

**Buy tools**

Replacement: strut mount – MERCEDES-BENZ CLC (CL203). Tip from AUTODOC:

- The replacement procedure is identical for the mounts of the left and right shock struts of the front suspension.
- All mounts of the front shock struts should be replaced simultaneously.
- All work should be done with the engine stopped.

**REPLACEMENT: STRUT MOUNT – MERCEDES-BENZ CLC (CL203). USE THE FOLLOWING PROCEDURE:**

**1** Open the bonnet.

**2** Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

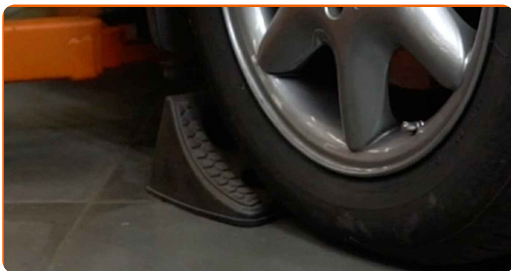
**3** Clean the fasteners of the shock strut upper mount. Use a wire brush. Use WD-40 spray.



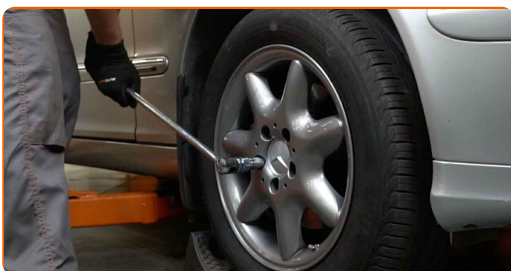
**4** Loosen the upper fastener of the shock strut mount. Use a combination spanner #21. Use HEX No.H7. Use a ratchet wrench.



**5** Secure the wheels with chocks.

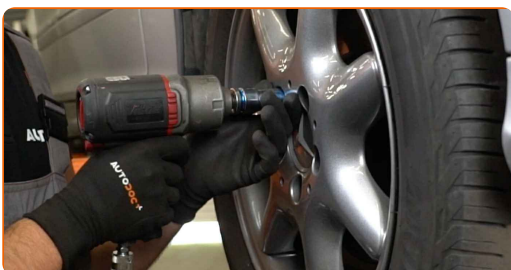


**6** Loosen the wheel mounting bolts. Use wheel impact socket #17.



**7** Raise the front of the car and secure on supports.

**8** Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
MERCEDES-BENZ CLC (CL203)

**9** Remove the wheel.



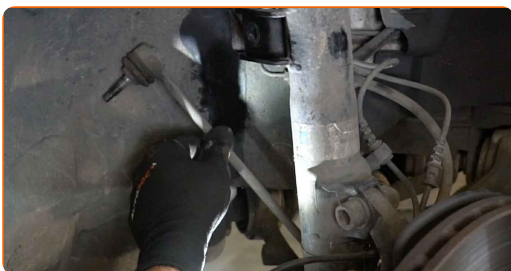
**10** Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



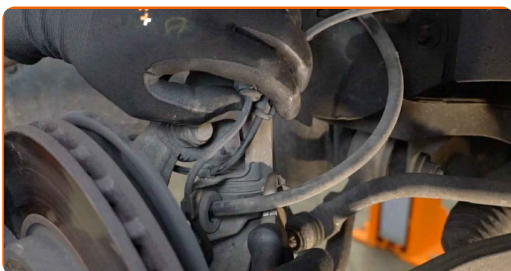
**11** Unscrew the fastener connecting the stabilizer link to the shock strut. Use a drive socket #16. Use a ratchet wrench.



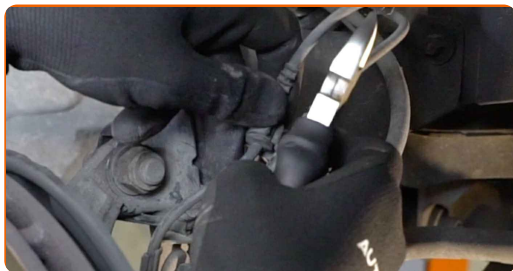
**12** Remove the stabilizer rod.



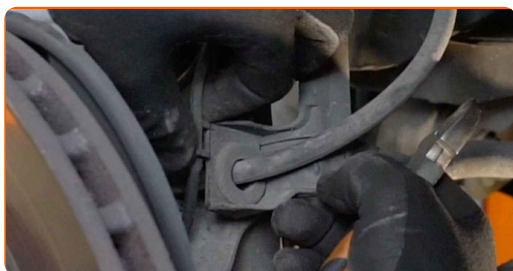
**13** Disconnect the brake hose bracket. Use nippers.



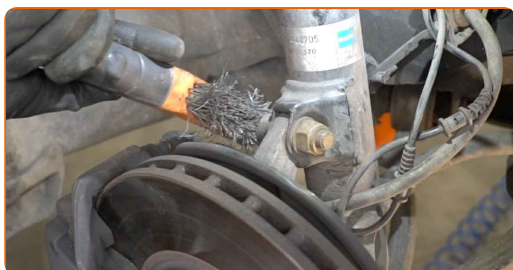
**14** Disconnect the ABS sensor wiring.



**15** Disconnect the brake pad wear sensor wire.



**16** Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



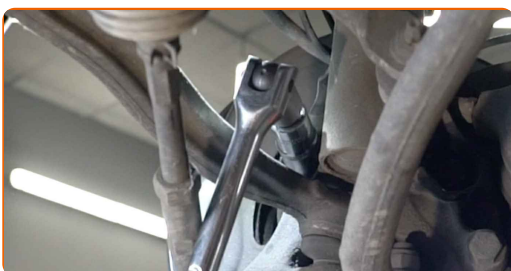
**17** Unscrew the upper fastener connecting the shock strut to the steering knuckle. Use HEX No.H12. Use a drive socket #21. Use a ratchet wrench. Use a tap wrench.



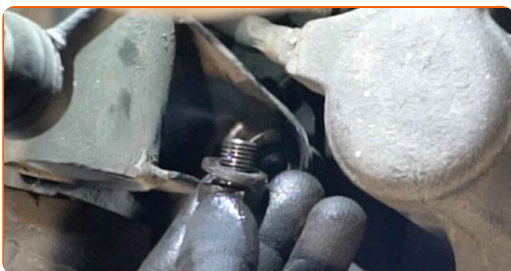
**18** Clean the fasteners connecting the shock strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



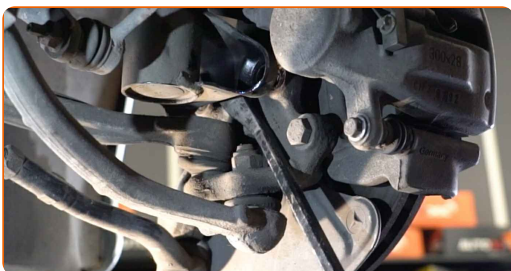
**19** Unscrew the fasteners connecting the suspension strut to the steering knuckle. Use a drive socket #19. Use a tap wrench.



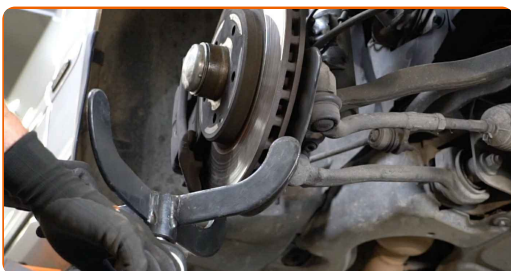
**20** Remove the fastening bolts.



**21** Disconnect the steering knuckle from the shock absorber strut. Use a crowbar.

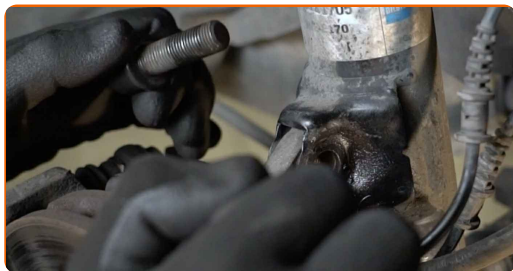


**22** Prop up the steering knuckle. Use a hydraulic transmission jack.





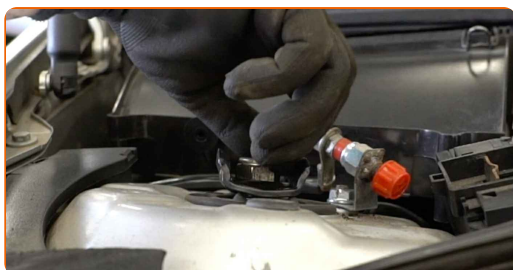
**23** Remove the fastening bolt.



**24** Disconnect the steering knuckle from the shock absorber strut. Use a crowbar.



**25** Unscrew the top fastening of the shock strut mount.



**AUTODOC recommends:**

- Important! Hold the suspension strut while unscrewing the fastening bolts.  
MERCEDES-BENZ CLC (CL203)

**26** Remove the suspension strut.



**27**

Set the shock absorber strut on the spring compressor tool.



**Replacement: strut mount – MERCEDES-BENZ CLC (CL203). Professionals recommend:**

- Note that when using a spring compressor, spring coils need to be securely gripped, compressing the spring on the opposite sides.
- Ensure the correct position of the spring in the retainer.
- Make sure that the spring coils tightly entered the lock handles.

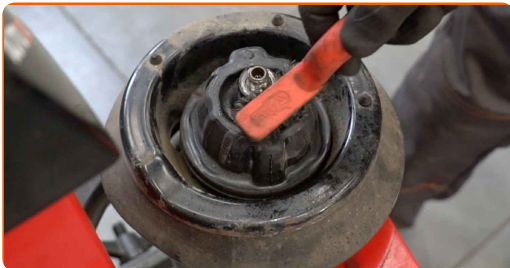
**28**

Compress the spring.



**29**

Treat the shock strut rod. Use a wire brush. Use WD-40 spray.



- 30** Remove the strut piston rod nut. Use a 14X2.5-mm strut nut socket. Use a drive socket #21. Use HEX No.H7. Use a ratchet wrench.



- 31** Remove the top strut mount.



**AUTODOC recommends:**

- Replacement: strut mount – MERCEDES-BENZ CLC (CL203). Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.

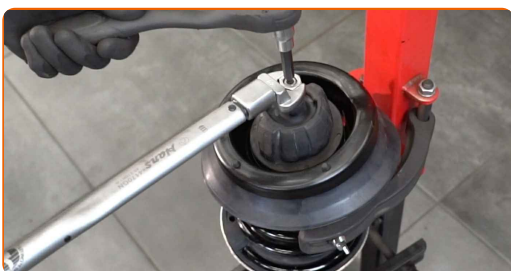
- 32** Treat the upper shock strut mount. Use WD-40 spray.



**33** Install a new top shock strut mount.



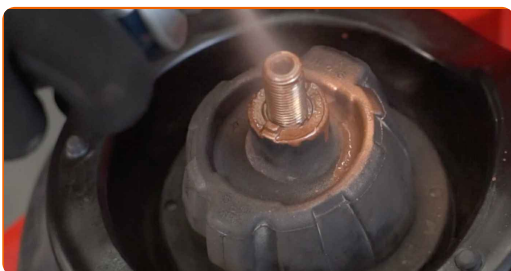
**34** Tighten the shock strut piston rod nut. Use a 14X2.5-mm strut nut socket. Use a drive socket #21. Use HEX No.H6. Use a torque wrench. Tighten it to 20 Nm torque.



**AUTODOC recommends:**

- Replacement: strut mount – MERCEDES-BENZ CLC (CL203). Be sure to position the filtering element correctly. Avoid misalignment.

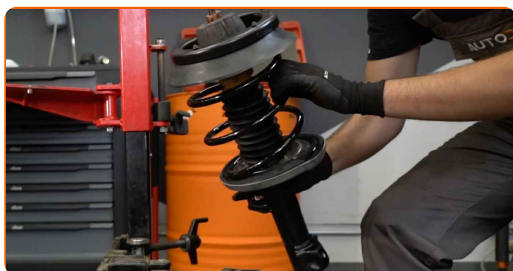
**35** Treat the shock strut rod. Use copper grease.



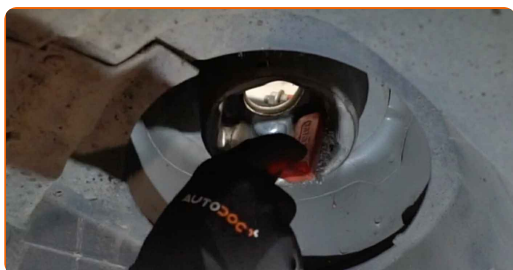
**36** Decompress the spring.



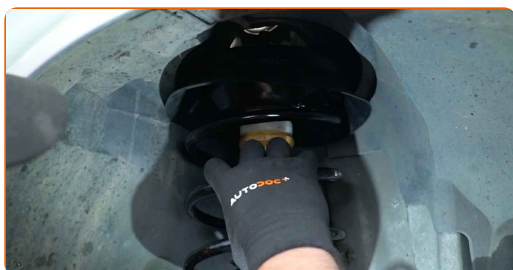
**37** Remove the assembled shock strut.



**38** Treat the mounting seats of the shock strut. Use a wire brush. Use WD-40 spray.



**39** Install the shock strut into the wheel arch.



**40** Screw the top fastening of the shock strut mount. Do not tighten it.



**AUTODOC recommends:**

- MERCEDES-BENZ CLC (CL203) – To avoid injury, hold the suspension strut while screwing in the fastening bolts.

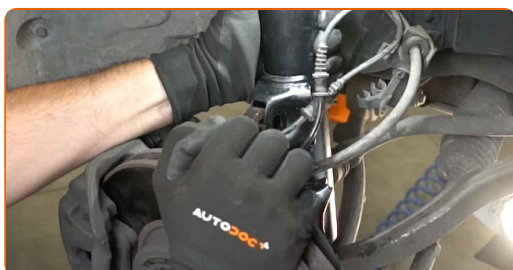
41

Treat the mounting seats of the shock strut. Use a wire brush. Use WD-40 spray.



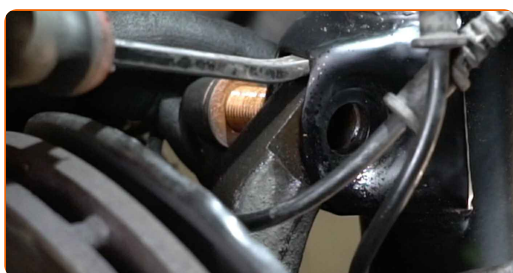
42

Fix the shock absorber strut on the steering knuckle. Use a crowbar.



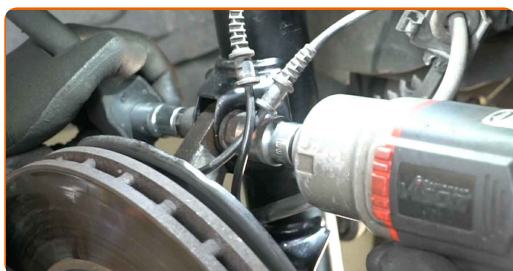
43

Install the fastening bolt.



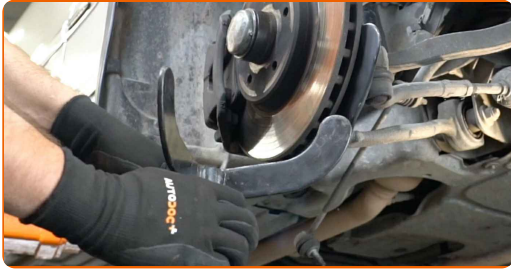
44

Screw in the upper fastener connecting the shock strut to the steering knuckle. Use a drive socket #21. Use HEX No.H12. Use a ratchet wrench.



**45**

Remove the support from under the steering knuckle.



**AUTODOC recommends:**

- Replacement: strut mount – MERCEDES-BENZ CLC (CL203). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

**46**

Fix the shock absorber strut on the steering knuckle. Use a crowbar.

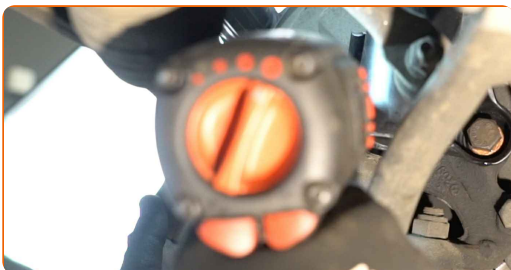
**47**

Install the fastening bolts.



**48**

Screw in the fasteners connecting the suspension strut to the steering knuckle. Use a drive socket #19. Use a ratchet wrench.



- 49** Tighten the lower fasteners connecting the shock strut to the steering knuckle. Use a drive socket #19. Use a torque wrench. Tighten it to 110 Nm torque.



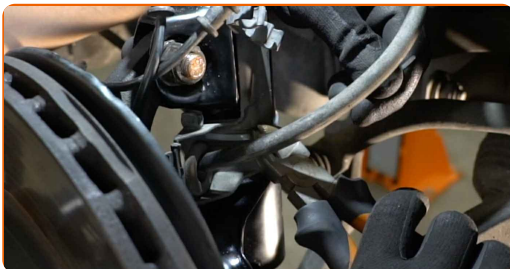
- 50** Tighten the upper fastener connecting the shock strut to the steering knuckle. Use a drive socket #21. Use HEX No.H12. Use a torque wrench. Tighten it to 100 Nm torque.+90°



**AUTODOC recommends:**

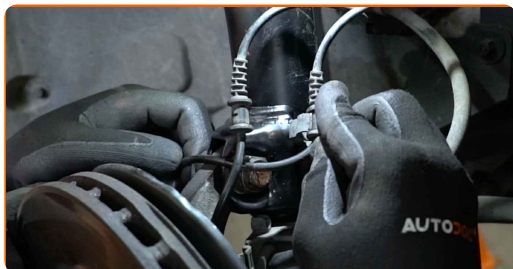
- Important! Be sure to use new fasteners.

- 51** Secure the brake hose bracket. Use nippers.





**52** Connect the ABS sensor wiring.



**53** Connect the brake pad wear sensor wire.



**54** Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.

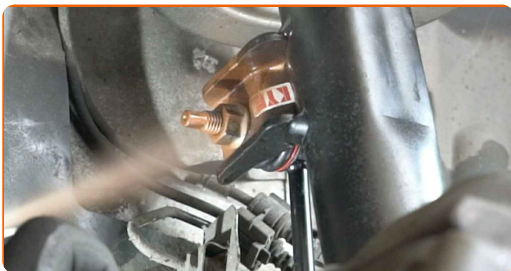
**55** Install the transverse stabilizer link.



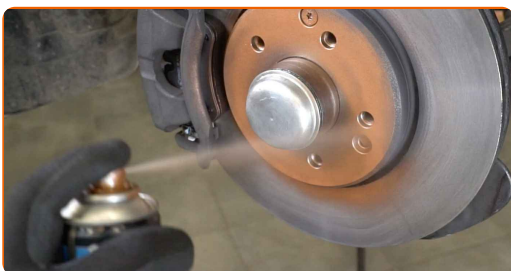
**56** Tighten the fastener connecting the stabilizer link to the shock strut. Use a drive socket #16. Use a torque wrench. Tighten it to 60 Nm torque.



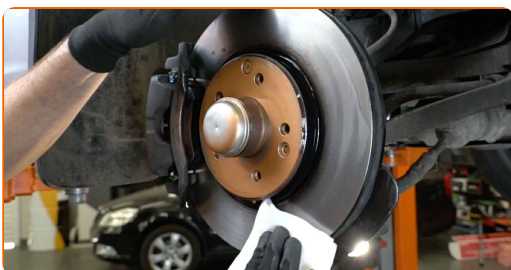
**57** Treat all joints of the stabiliser link. Treat the shock strut fasteners. Use copper grease.



**58** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



**59** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: strut mount – MERCEDES-BENZ CLC (CL203). After applying the spray, wait a few minutes.

**60** Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ CLC (CL203)

61

Screw in the wheel bolts. Use wheel impact socket #17.



62

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 Nm torque.



63

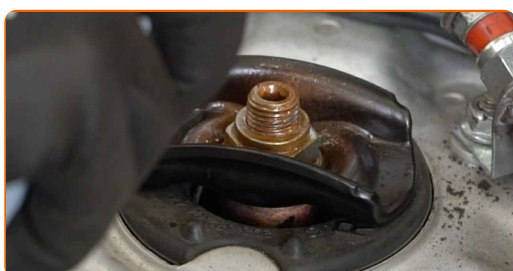
Remove the jacks and chocks.



- 64 Tighten the upper fastener of the shock absorber strut mount. Use a combination spanner #21. Use HEX No.H6. Use a torque wrench. Tighten it to 60 Nm torque.



- 65 Treat the fasteners of the shock strut mount. Use copper grease.



- 66 Remove the fender protection cover.

- 67 Close the hood.

**WELL DONE!** 

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